

U.S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: April 27, 1987

FILE
COPY

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

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TAT

POLREP NO. Four (4)
INCIDENT/SITE NO.: Arkansas Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 8,000 containers of various chemicals,
500-800 drums, 5-10 mixing tanks/outdoor
tanks containing unknown chemicals.
WATER BODY: None

1. SITUATION:

A. The Arkansas Chemical Company produced textile and other specialty chemicals at this site until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16/16B), a storage building (Bldg. 24), and two sheds. About 500-800 drums and 8,000 small containers of chemicals exist in the buildings on-site. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks and vessels containing unknown quantities of materials.

2. ACTION TAKEN:

A. On April 22, 1987, a survey of the Arkansas site was conducted to obtain a more detailed cost estimate for cleanup.



B. The April 22, 1987 site survey revealed the following facts about the site: Of the seventeen (17) outside above ground storage tanks; nine (9) are empty, seven (7) contain a small amount residual material and one (1) tank, marked sulfuric acid is full. The sulfuric acid tank (about 4,000 gallons) is completely full and the liquid inside measured a pH of < 1 with pH paper.

C. There are approximately 8,000 miscellaneous chemicals most labeled by Arkansas, located in two laboratories and four offices in Building 30, the basement of Building 25 and the third floor laboratory in Building 28.

D. The basement of Building 25 has more than 1 foot of water in it containing numerous bottles, some broken, floating about.

E. The floors of Building 28 and 28B are grossly contaminated with caustic and unknown material. In addition, various liquids are pooled about these areas. Building 28 contains about 1,200 linear feet of piping insulated with asbestos, some sections of asbestos are friable condition.

F. The site was re-videotaped on April 22, 1987.

G. The tanks and vessels located at the site were inventoried.

H. A letter report with the analytical results of the basement water will be prepared for review by the Passaic Valley Sewage Commission (PVSC). Approval to discharge this water to the sewer system is contingent upon review of the results by PVSC.

3. FUTURE PLANS AND RECOMMENDATIONS:

A. An Action Memorandum will follow refinement of removal cost estimates.

B. The City of Newark will repair the roof of Building 25.

C. EPA will continue to provide 24-hr site security.

still
waiting

4. FINANCIAL ACCOUNTING:

A.	Total Project Ceiling Authorized	\$ 55,000
B.	Mitigation Contract Ceiling	49,580
C.	Expenditures for Mitigation Contracts	
1.a.	Amount obligated to ERCS contractor for Delivery Order #6893-02-073 (DCNs KCS - 361,629,633)	\$ 49,580
1.b.	Estimated expenditures as of April 15, 1987	29,500
1.c.	Balance remaining	20,080
D.	Unobligated Balance Remaining	-0-
E.	Estimate of Total Expenditures to Date for all Mitigation Contracts	29,500
F.	Other Extramural Costs	
1.a.	TAT salary/travel (as of 4/24/87)	14,180
G.	Intramural Costs	
1.a.	EPA salary/travel	2,300
H.	Total Expenditures	\$ 45,980
	Percent of Total Project Ceiling	84%
	Percent of \$1 Million	4.5%

FINAL
POLREP _____
(TAT)

FURTHER
POLREPS
FORTHCOMING X

SUBMITTED BY: Thomas Kady
Thomas Kady, OSC
Response and Prevention
Branch

DATE RELEASED: 5/7/87